

L 36321-66

ACC NR: APG015790

attempts were made to achieve the greatest possible sputtering rate by increasing the high frequency field strength and the plasma density. Quartz films up to 6000 Å thick were sputtered from fused quartz wafers onto aluminum substrates at rates from 1 to 300 Å/min, using arc currents from 0.3 to 3 A in argon at 0.01 to 0.03 mm Hg and high frequency potentials (2.5 MHz) from 0.5 to 2 kV. The films were amorphous but contained small quartz crystals; their dielectric strengths were between 200 and 500 kV/cm and their loss tangents were less than 10^{-4} . The sputtered films were more transparent than thermally deposited films, and were not discolored by silicon monoxide. Polycrystalline CaS films up to 0.2 micron thick were sputtered from pressed wafers of powdered CaS. The absorption spectra of these films were complex, exhibiting a number of peaks. A peak at a photon energy of 5.4 eV with an absorption coefficient of the order of 10^5 cm^{-1} is ascribed to the fundamental absorption of CaS. These absorption spectra will be discussed in detail elsewhere. It is concluded that cathode sputtering can be employed to obtain CaS films suitable for investigation of the fundamental absorption, and it is suggested that the present technique may be successfully employed to obtain thin films of other IIA-IVB compounds. Orig. art. has: 3 figures.

SUB CODE: 20/

SUM DATE: 00/

ORIG REF: 003/

OTH REF: 002

Card 2/2 *df*

ACC NR: CAP7005001

SOURCE CODE: UR/0048/66/030/009/1552/1554

AUTHOR: Levshin, V.L.; Mikhaylin, V.V.; Nizovtsev, V.V.

ORG: none

TITLE: Absorption, excitation and infrared-stimulated flash in calcium and strontium sulfide phosphors /Report, Fourteenth All-Union Conference on Luminescence (Crystal Phosphors) held at Riga, 16-23 Sept. 1965/

SOURCE: AN SSSR. Izvestiya. Seriya fizicheskaya, v.30, no.9, 1966, 1552-1554

TOPIC TAGS: calcium compound, strontium compound, sulfide, absorption band, absorption edge, photoluminescence, irradiation, electron trapping

ABSTRACT: The authors investigated the infrared absorption of CaS films and the infrared absorption and luminescence excitation spectra and the infrared stimulated flash of different CaS and mixed CaS.SrS phosphors. The absorption spectra were recorded for photon energies from about 3 to 6 eV with 200 to 2000 Å thick films deposited by different techniques on LiF or fused quartz substrates. The CaS absorption in the long wavelength portion of the investigated range depended considerably on the presence and nature of impurities, but in the short wavelength part of the range it did not. The absorption edge, defined as the position of the greatest slope of the absorption curve, was 5.1 ± 0.3 eV. The absorption spectrum exhibited structure, and this structure was repeated in the luminescence excitation spectra.

Card 1/2

ACC NR: AP7005001

Addition of SrS to the CaS shifted the absorption edge toward lower photon energies, and the absorption peaks shifted toward shorter wavelengths with decreasing temperature at rates ranging for different specimens from 0.7 to 1.4 Å/degree. The infrared-stimulated flash in CaS.SrS:Ce:Sm phosphors was investigated at different temperatures. At -196° C the phosphor was sensitive to infrared radiations with wavelengths as long as 2.85 μ, whereas at -120° the infrared sensitivity did not extend even to 2 μ. The brightness of the infrared-stimulated flash was temperature dependent, having a minimum at -150° C and a maximum at -10° C for stimulation at a wavelength of 1.25 μ. The decrease in the flash brightness with increase of the temperature from -196 to -150° is ascribed to decrease of the light sum stored in shallow traps, and the increase in the flash intensity with increase of the temperature from -150 to -10° is ascribed to decrease in the probability for trapping of electrons in traps having a depth of 0.25 eV. Orig. art. has: 3 figures.

SUB CODE: 20

SUBM DATE: none

ORIG. REF: 004

OTH REF: 003

Card 2/2

MIKHAYLIN, V. YI.

MIKHAYLIN, V. YI.: "The Bryansk industrial region of Bryansk Oblast" (The region-
geographic characterization. Moscow, 1966. Min. Education. S. P. Moscow
Oblast Pedagogical Inst. (Dissertation for the Degree of Candidate of Geological
Science)

XX: Knizhnaya Letaia N. 47, 19 November 1966. Moscow.

LOSIYEVSKIY, A.I.; MIKHAYLIN, Ye.V.

Arrangement of the navigable structures in the Saratov Hydro Project.
Rech.transp. 18 no.3:37-39 Mr. '59. (MIRA 12:4)
(Saratov Hydroelectric Power Station--Navigation)

MIKHAYLIN, Ye., inzh.

Main trends in the development of river ports of the R.S.F.S.R.

Rech.transp. 19 no.8:7-9 '60.

(MIRA 14:3)

(Harbors)

GAYDUKOV, Yu.; MIKHAYLINA, A.; TOLSTYKH, A.

Improve the interpretation of problems in increasing labor productivity in industry; a review of the literature in 1955. Vop.ekon.
no.4:139-146 Ap '56. (MLRA 9:8)
(Efficiency, Industrial)

KORSHAK, V.V.; VINOGRADOVA, S.V.; VALETSKIY, P.M.; Prinimala uchastnye:
MIKHAYLINA, A.I., laborant

Heterochain polyesters. Part 37: Mixed polyarylates based
on terephthalic acid, dihydroxyphenylpropane, and aliphatic
polyhydric alcohols. Vysokom.soed. 4 no.7: 7-994 J1 '62.
(MIRA 15:7)

1. Institut elementoorganicheskikh soedineniy AN SSSR.

(Terephthalic acid)
(Curene) (Alcohols)

32991

S/641/61/000/000/018
B106/B102

24.6500

AUTHORS: Mikhaylina, K. M., Nomofilov, A. A., Romanova, T. A.,
Sviridov, V. A., Tikhomirov, F. A., Tolstov, K. D.

TITLE: Interaction of 14.1-Mev neutrons with Li^6 and Li^7

SOURCE: Krupchitskiy, F. A., ed. Neutronnaya fizika: sbornik
Moscow, 1961, 240 - 257

TEXT: Interaction of 14.1-Mev neutrons with Li^6 and Li^7 nuclei was studied both with targets prepared from Ilford B₁ photoemulsions bearing the lithium and with targets of metallic lithium isotopes. The latter method was used for small angles of the departing particles. The mean number of Li nuclei in the photoemulsion was $2.3 \cdot 10^{19} \text{ cm}^{-2}$. The integral neutron flux striking the emulsion at right angles was about 10^8 cm^{-2} . Altogether 412 events were recorded on a 2.5 cm^2 area. 96 events were from the reaction $\text{Li}^6(n,t)\alpha$ with a cross section $\sigma = 27 \pm 6 \text{ mb}$. Seven $\text{Li}^7(n,p)\text{He}^3$ reactions with a cross section of about 5 mb were found, moreover

Card 1/2

32991

S/641/61/0001000 018,011

B108/B102

Interaction of 1.1-Mev

$\text{Li}^6(\text{n},\text{d})\text{He}^5$ reactions with a differential cross section of 2.1 ± 0.2 mb/sterad in the range between 70° and 142° . The cross section of $\text{Li}^6(\text{n},\text{n}')\text{Li}^{6*} \rightarrow \text{d} + \alpha$ events was 70 ± 12 mb, that of the reaction $\text{Li}^6(\text{n},2\text{n})\text{Li}^{5*} \rightarrow \text{t} + \text{p}$ was equal to 50 ± 10 mb. Interaction with Li^7 yielded the reactions $\text{Li}^7(\text{n},\text{t})\text{He}^5$, $\text{Li}^7(\text{n},\text{n}')\text{Li}^{7*}$, and seven $\text{Li}^7(\text{n},\text{n}')\text{Li}^{7*} \rightarrow \text{t} + \text{p}$ events. In the experiments with pure lithium targets the reactions observed were $\text{Li}^6(\text{n},\text{d})\text{He}^5$ ($\sigma = 58 \pm 10$ mb), $\text{Li}^7(\text{n},\text{t})\text{He}^5$ ($\sigma = 8 \pm 12$ mb), $\text{Li}^7(\text{n},\text{n}')\text{Li}^{7*} \rightarrow \text{t} + \text{p}$, $\text{Li}^7(\text{n},\text{d})\text{He}^6$. The overall cross section of (n,d) and $(\text{n},2\text{n})$ processes for Li^6 was 179 ± 20 mb. The results obtained are consistent with those of other publications. I. M. Frank, G. I. Katsarov, L. N. Katsarov, and L. I. Ivanov are thanked for help. There are 6 figures, 1 table, and 7 references: 2 Soviet and 5 non-Soviet. The four most recent references to English-language publications read as follows: Frye, G. M. Phys. Rev. 83, 1086 (1954); Battist, L. and Ribe, F. L. Phys. Rev. 84, 40 (1954); Frye, G. M., Rosen, L. Phys. Rev. 10, 351 (1953); Mond, J. L. Phys. Rev. 22, 483 (1953).

Card 2/2

MIKHAYLINA, P. Ya.

Employment and therapy of mental patients at the Bondar District
Hospital in Tambov Province. Zhur. nevr. i psikh 58 no.12:1491-1493
'58. (MIRA 12:1)

1. Bondarskaya rayonnaya bol'nitsa (glavnyy vrach P. Ya. Mikhaylina).
(MENTAL DISORDERS,
employment & ther. in regional hosp. (Rus))

L 22193-65 AFWL/ARDC(a)/ASD(f)-3/AFMDC

ACCESSION NR: AF5002420

8/0286/64/000/0024/0024/0024

AUTHORS: Dobrovol'skiy, V. L.; Kaspruk, Yu. V.; Ryabov, B. I.; Sharov, Yu. N.;
Mikhaylina, S. N.; Ivanov, Yu. V.; Budrik, G. V.

TITLE: A method of raising and holding a cassette, with a source of ionizing radiation, in a vertical pipe in a suspended state. Class 21, No. 166975

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 24, 1964, 24

TOPIC TAGS: dynamic pressure, liquid flow, gas flow

ABSTRACT: This Author Certificate presents a method of applying the dynamic pressure of a liquid or gas current to raise and hold a cassette, with a source of ionizing radiation, in a vertical pipe in a suspended state.

ASSOCIATION: none

SUBMITTED: 28Nov62

ENCL: 00

SUB CODE: ME

NO REF SOV: 000

OTHER: 000

Card 1/1

MIKHAYLINA, V.F.

Blunt-nosed body of revolution with arbitrary generatrix in
a supersonic flow. [Trudy] MVTU no.88:76-94 '58.
(MIRA 12:4)
(Aerodynamics, Supersonic)

MIKHAYLISHCHEV, A.

An uninvestigated source for livestock fattening. Mias. ind.
SSSR 26 no.3:48 '55. (MLRA 8:9)

1. Starshiy zootekhnik Talitskogo otkormochnogo sovkhosa Sverdlov-
skiy oblasti.
(Distilling industry--By-products) (Sverdlovsk Province--Feeding
and feeding stuffs)

MIKHAYLISHCHEV, A.

High weight gains, low production cost. Mias.ind.SSSR 26 no.5:
41-42 '55. (MLRA 9:2)

1. Starshiy zootekhnik Talitskogo otkormochnogo sovkhosa Sverd-
levskoy oblasti.
(Cattle--Feeding and feeding stuffs)

MIKHAYLISHCHEV, A.

First results. Mias. ind. SSSR 28 no.3:41-42 '57. (MIRA 10:6)

1. Talitskiy otkormochnyy sovkhos.
(Swine--Feeding and feeding stuffs)

MIKHAYLISHCHEVA, T.A.

Screens of the device for determining the grade of asbestos.
Standartizatsiya 27 no. 2-23 S '63. (MIRA 16:10)

MIKHAYLITSIN, V., inzhener

Modification of the humidifier drive and water feed. Muk.-elev.
prom.21 no.9:26-27 S'55. (MLRA 8:12)

1. Glavnoye upravleniye mukomol'noy i kombikormovoy promyshlennosti
(Flour mills--Equipment and supplies)

MIKHAYLITSIN, V., inzhener.

Automatic scales for weighing loose and bagged grain in a continuous operation. Muk.-elev.prem.22 no.5:17-19 My '56. (MLRA 9:9)

1. Tekhnicheskiy etdel Glavmuki.
(Scales (Weighing instruments) (Grain elevators)

MIKHAYLITSIN, V., inzhener

Circular conveyer in a closed canal of a grain warehouse. Muk.-elev.
prom. 21 no.5:27-29 My '55. (MLRA 8:9)

1. Glavnoye upravleniye mukomol'noy i kombikormovoy promyshlennosti.
(Conveying machinery) (Grain-handling machinery)

MIKHAYLITSKIY, P.I., redaktor; OVCHINNIKOVA, S.V., redaktor; KRYNOCHKINA,
K.V., tekhnicheskiy redaktor

[Instructions for employing a classification of petroleum and gas deposits] Instruktsiya po primeneniyu klassifikatsii zas-
pasov k mestorozhdeniyam nefti i gazov. Moskva, Gos.nauchno-
tekhn. izd-vo lit-ry geologii i okhrane neдр, 1955. 31 p.

(MLRA 9:2)

1. Russia (1923- U.S.S.R.) Sovet ministrov. Gosudarstvennaya
komissiya po zasparam poleznykh iskopayemykh.
(Petroleum) (Gas, Natural)

MIKHAYLITSKIY, P.I.

Method for determining the full amount of gas contained in oil and gas pools. Geol. nefi 2 no.2:65-68 P '58. (MIRA 11:2)

1. Gosudarstvennaya komissiya po zapasam poleznykh iskopayemykh pri Sovete Ministrov SSSR.

(Gas, Natural)

MIKHAYLO, G.K.

"Essays on the development of mechanics" by N.D. Moiseev. Reviewed
by G.K. Mikhailov. Izv. AN SSSR. Otd. tekhn. nauk. Mekh. i mashinostr.
no. 2: 165-175 Mar-Apr '62. (MIRA 15:5)
(Mechanics) (Moiseev, N.D.)

MIKHAYLOPULO, A.; DUSHIN, M.; SHENGAEV, V.; PODOPLEKIN, N.; SAKO-
KHALOVA, I.

Answering Professor A.A.Gorshkov. Lit.proisv. no.6:31-33 S '54.
(Steel castings) (Gorshkov, A.A.) (MIRA 7:10)

MIKHAYLOPULO, I.A.; GUNAR, V.I.; ZAV'YALOV, S.I.

Selective methylation of simplest uracils. Izv. AN SSSR. Ser.
khim. no.9:1715 '65. (MIRA 18:9)

1. Institut organicheskoy khimii im. N.D. Zelinskogo AN SSSR.

AVIATION, C.I.; MIZHAYLOV, C.I.; ...

Symptoms of ...
2. ...

1. ...

ZAV'YALOV, S.I.; GUNAL, V.I.; MIKHAYLOVICH, I.A.

Effect of mercury diacetate on the course of the reaction between diketene and ureas. Izv. AN SSSR Khim. no.1:201 '65.

UNIPA 12:2

1. Institut organicheskoy khimii im. N.D. Zelinskogo AN SSSR.

L 09087-67 EWT(m)/EWP(w)/EWP(t)/ETI IJP(c) JD

ACC NR: AP7002343

SOURCE CODE: UR/0127/66/000/007/0053/0056 92

AUTHOR: Shamonya, V. P. (Engr.); Mikhaylouskiy, A. I. (Engr.); Koval-chuk, V. A. (Engr.); Blagikh, B. M. (Engr.)

ORG: none

TITLE: Durability of teeth on the scop of the EKG-8 excavator in the conditions of operations at Noril'sk

SOURCE: Gornyy zhurnal, no. 7, 1966, 53-56

TOPIC TAGS: construction machinery, wear resistance

ABSTRACT: The Noril'sk Mining and Metallurgical combine has soon a sharp increase in the wearing of excavator teeth. Service life has been reduced in some cases to as little as a few hours, averaging no more than 3-5 days. In order to clarify the reason for the reduction in durability of those teeth, 3 experimental types were tested in 1964. One reason discovered for the low strength of the teeth was the unsatisfactory quality of ingots of two types of steel tested. The general durability of the teeth is also reduced by an inefficient form of fillet used where the jaw joins the cross piece, as well as low quality manufacture of cutters and an inefficient method of attachment of the teeth. Teeth made from type G13L steel had high wear resistance. Orig. art. has: 4 tables and 3 figures. [JPRS: 38,228]

SUB CODE: 13 / SUBM DATE: none

Card 1/1 60

Electric Power Plants

Movable electric power stations for moving picture installations. Kirgizskan k
No. 1 (1952)

MONTHLY LIST OF RUSSIAN ACQUISITIONS. Library of Congress, August, 1952. UNCLAS

MIKHAYLOV, A., FEDORENKO, D.

Dynamos

Generators for movable electric power stations.

Kinomekhanik no. 3, 1952.

9. Monthly List of Russian Accessions, Library of Congress, August 1952. UNCLASSIFIED.

MIKHAYLOV, A., FEDORENKO, D.

Dynamos

Generators for movable electric power stations (Conculsion).
Kinomekhanik No. 4, 1952.

9. Monthly List of Russian Accessions, Library of Congress, August 1952. UNCLASSIFIED.

1. SEMENOV, A.
 2. USSR (600)
 4. Platnirovskaya - Moving - Picture Projection
 7. Yakov Poliakov remained at Platnirovskaya. Kinomekhanik No. 11, 1952.
9. Monthly List of Russian Accessions, Library of Congress, May 1953. Unclassified.

MIKHAYLOV, A.

Authority of the moving-picture operator. Kinomekhanik no.5:5-8 My '53.
(MLRA 6:6)
(Moving-picture projection)

MIKHAYLOV, A.

Aleksei Koval' is in the lead. Kinomekhanik no. 8:7-8 Ag '51. (MIRA 5:8)
(Podgorodneye--Moving-picture projection) (Moving-picture projection--
Podgorodneye)

MIKHAYLOV, A., inzhener.

Building booths for portable motion-picture projectors and electric
stations. Sel'. stroi. 11 [i.e. 12] no.2:9 F '57. (MIRA 10:4)
(Motion-picture projection)

MERZHANOVA, Ye.; MIKHAYLOV, A.; VOL'KENSON, G.

Competitions. WTO no.7:39-40 Jy '59. (MIRA 12:11)

1. Instruktor seksii metallovedeniya i termooobrabotki TSentral'-
nogo pravleniya nauchno-tehnicheskogo obshchestva mashinostroitel'-
noy promyshlennosti (for Merzhanova).

(Research, Industrial--Competitions)

MIKHAYLOV, A., starshiy nauchnyy sotrudnik

Parting for research. NTO 5 no.11:36-37 N '63.

(MIRA 16:12)

1. Gosudarstvennyy nauchno-issledovatel'skiy institut nauchnoy i tekhnicheskoy informatsii Gosudarstvennogo komiteta Soveta Ministrov SSSR.

ACC NR: AN7001359 (A,N) SOURCE CODE: UR/9023/66/000/103/0003/0003

AUTHOR: Mikhaylov, A.

ORG: none

TITLE: Independent compressor (for divers)

SOURCE: Sovetskiy patriot, no. 103, 25 Dec 66, p. 3, cols. 5-7

TOPIC TAGS: *SURVIVAL EQUIPMENT, UNDERWATER CLOTHING, DIVING GEAR,* compressor design, gasoline engine, ~~motor vehicle~~, supercharger
~~M-72 motorcycle~~, D-300 gasoline engine, TsMK-66 compressor

ABSTRACT: A description is given of a new, independent "TsMK-66" compressor for use by divers. The compressor was designed and produced at the Central Maritime Club. Serial production components were used to make the compressor: a D-300 gasoline engine, used in agriculture, the oil pump of the M-72 motor-cycle, and an AK-150-V supercharger. The new compressor weighs almost 55 kg and has dimensions of 650 mm x 800 mm x 900 mm. It produces 2.5 cubic meters of air per hour, has a capacity of 6 horsepower, and consumes two liters of fuel per hour. Orig. art. has: 1 figure. [GC]
SUB CODE: 13/

Card 1/1

LEVCHENKO, B.L., inzh.; MIKHAYLOV, A.A., inzh.

Start of PVK-200-1 turbines in hot state. Teploenergetika
11 no.5:2-5 Mr'64. (MIRA 17:5)

1. Leningradskiy metallicheskiy zavod imeni XXII s"yezda
Kommunisticheskoy partii Sovetskogo Soyuz.

SAVITSKIY, Ivan Nikolayevich, KREYNIN, Gerts L'vovich; MIKHAYLOV, Andrey Andreyevich; SMIRNOV, Ye.I., red.; DUBINSKIY, G.L., spets. red.; PONOMAREVA, A.A., tekhn. red.

[Planning and organization of the supply of materials and equipment in enterprises and construction projects] Planirovanie i organizatsiya material'no-tekhnicheskogo snabzheniya predpriyatiy i stroek. Moskva, Ekonomizdat, 1962. 303 p. (MIRA 15:8)

(Industrial procurement)

MIKHAILOV, P.P.; DENISENKO, V.V.

Byzantine in the Republic of Italy as of 1980-1981
(Minsk)

MIKHAYLOV, A.A., pfovizor (khar'kov).

Galenic production of pharmaceutical preparations. Apt.delo 2 no.2:24-27
Mr-Ap '53. (MLBA 6:5)
(Pharmacy)

MOLDAVSKAYA, V.D.; TISHCHENKO, O.D.; USTINOV, A.A.; MOSHENSKAYA, F.A.; ZALKIND, L.B.; MIKHAYLOV, A.A.; TSUKANOV, A.A.; MATSUKA, A.G.; DEMCHENKO, I.A.,
direktor instituta.

Eradication of malaria from a town under conditions prevailing in the south of the Ukrainian S.S.R. Med.paraz.i paraz.bol. no.3:232-237 My-Je '53.
(MLRA 6:8)

1. Ukrainskiy institut malyarii i meditsinskoy parazitologii i iz Stalin-skoy i Zhdanovskoy protivomalyariynykh stantsiy.
(Ukraine--Malarial fever) (Malarial fever--Prevention)

MIKHAILOV, A.A.

Problems in the preparation of galenicals. *Oyogyzeress* 8 no.9:155-
156 1 Sept 1953. (CJML 25:5)

1. Pharmacist. 2. Khar'kov.

MIKHAYLOV, A.A., prepodavatel'

Pharmaceutical terminology and the systematization of drugs.
Apt.delo 9 no.1:10-14 Ja-F '60. (MIRA 13:6)

1. Far'kovskoye meditsinskoy uchilishche No.1.
(PHARMACY--NOMENCLATURE)

MIKHAYLOV, Alex, 1940-1941, 1942.

[The following information was obtained from a report
and materials in the possession of the Central Intelligence
Agency. It is being furnished to you for information.
The following information was obtained from a report
and materials in the possession of the Central Intelligence
Agency. It is being furnished to you for information.]

NOVAKSHANOVA, Zinaida Kuz'minichna; MIKHAYLOV, V. I., akademik;
otv. red.

Vasilii Iakovlevich Struve. Moskva, Nauka, 1971. 224 p.
(MIRA 18-2)

MIKHAYLOV, A.A.; MOISEYEV, V.S.

Possibilities of phonocardiography in the evaluation of heart function. Kardiologiya no.1:61-67 '64.

(MIRA 17:10)

1. Kafedra propedevticheskoy i professional'noy terapii (zav.- deystvitel'nyy chlen AMN SSSR prof. Ye.M. Tareyev I Moskovskogo ordena Lenina meditsinskogo instituta imeni Sechenova.

KURONEN, G.F.; MIKHAYLOV, A.A.

Economic efficiency of the introduction of billets in enterprises
of the West Ural Economic Council. Blul. tekhn.-eksp. Inform. Gos.
nauch.-issl. inst. nauch. i tekhn. Inform. 18 no.3:8-10 Mr 1965.
(MIRA 18:6)

MIKHAYLOV, A.A. (Moskva)

Clinical significance of phonocardiography; brief survey of the
literature. Sov.med. 24 no.12:32-42 D '60. (MIRA 14:3)
(HEART—SOUNDS)

SUMAROKOV, A.V.; MIKHAYLOV, A.A.

[Practical analysis of electrocardiograms] Prakticheski
analiz elektrokardiogramm. Moskva, Medgiz, 1961. 193 p.
(MIRA 14:11)

(ELECTROCARDIOGRAPHY)

MIKHAYLOV, A. A.; ZAL'NOVA, N. S.; ASLAMAZOV, E. G.

Changes in the electrocardiogram in schistosomiasis treated
with antimony sodium tartrate salt. Terap. arkh. 34 no.4:62-67
'62. (MIRA 15:6)

1. Iz kafedry propedevticheskoy i professional'nov terapii
(zav. - deystvitel'nyy chlen AMN SSSR prof. Ye. M. Tareyev) i
kafedry urologii (zav. - prof. I. M. Epshteyn) I Moskovskogo
ordena Lenina meditsinskogo instituta imeni I. M. Sechenova
klinicheskogo otdela (zav. - prof. N. N. Plotnikov) Instituta
meditsinskoy parazitologii i tropicheskoy meditsiny imeni Ye.
I. Martsinovskogo Ministerstva zdravookhraneniya SSSR.

(SCHISTOSOMIASIS) (ELECTROCARDIOGRAPHY)
(ANTIMONY SODIUM TARTRATES)

MIKHAYLOV, A.A. (Moskva)

Cardiac insufficiency, Fel'd. i akush. 27 no.8:3-8 Ag. 1964.
(H. 1964:8)

(HEART --DISEASES)

ASLAMAZOV, E.G.; MIKHAYLOV, A.A.

Toxic effect of trivalent antimony and miracil D preparations
on the cardiovascular system during therapy of schistosomiasis.
Sovet. med. 27 no.6:65-70 Je '63 (MIRA 17:2)

1. Iz kafedry urologii (zav. - prof. I.M. Epshteyn) kafedry
terapii (zav. - deystvitel'nyy chlen AMN SSSR prof. Y.M.
Tareyev) sanitarno-gigiyenicheskogo fakul'teta I Moskovskogo
ordena Lenina meditsinskogo instituta imeni I.M.Sechenova
i klinicheskogo otdela (zav. - prof. N.N.Plotnikov) Institu-
ta meditsinskoy parazitologii i tropicheskoy meditsiny imeni
Ye.I.Martsinovskogo Ministerstva zdravookhraneniya SSSR.

SUMAROKOV, A.V.; LEVITSKIY, E.R.; MIKHAYLOV, A.A.

Characteristics of the phonocardiogram in extrasystole and cardiac fibrillation. Sov. med. 27 no.1:14-19 Ja '64.

(MIRA 17:12)

1. Kafedra terapii (zav.- deystvitel'nyy chlen AMN SSSR prof. Ye.M. Tarayev) sanitarno-gigiyenicheskogo fakul'teta I Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M. Sechenova i 24-y Gorodskoy klinicheskoy bol'nitsy (glavnyy vrach V.P. Uspenskiy).

MYHA^YLCV, A. A.

Mikhailov, A. A. "On the Gravitational Interaction of the Russian Air Force.
Zhurnal, Moscow, vol. 4, No. 4, 1967, pp. 174-177.

1. A. A.

Viktor Pavlov, A. A. "List of the names of the individuals who were
Kurchikov's associates in the 1930s." A. A. Kurchikov, 1930s, 1940s,
1950s-60s.

11/11/57, A.M. "The In. ...
"In. ..."

I. A. A. A.

Mikhailov, A. A. "In pre-war conditions." *Journal of the Academy of Sciences of the USSR, Division of Chemical Sciences*, 1957, no. 10, p. 10.

MIKHAYLOV, A. A.

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NIKOLAYEV, A. A.

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17, No. 1, 1941.

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MICHAEL V. A. A.

"Observation of Einstein's γ -rays during the Solar eclipse of June 1954," Astron. Zhurn., 15, No. 1, 1942.

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Astronomical Observations" Vest. Ak. Nauk SSSR. No. 1, 1944.

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Mem., Corr. Mem. Acad. Sci., USSR, (1966)

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Astronomy

"Fundamental Problems in the Theory of Mathematical Analysis," Vest. A. Sci.,
USSR, No. 11-12, 1966

FR-62.54019

MIKHAYLOV, Aleksandr Aleksandrovich, 1888-comp.

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estestvoznaniu)

MIKHAILOV, Aleksandr Aleksandroevich

Aleksandr Aleksandroevich Mikhailov

The Theory of Ellipses

State Publishing House of Technical Literature, Moscow
1945 pp. 199

From: Monthly list of Russian Acquisitions
September 1951, Vol. 4, No. 6, p. 5

MIKHAYLOV, A. A.

Mikhaylov, A. A. "Thirty years of Soviet astronomy," in symposium:
Astronomiya v SSSR za tridtsat' let, Moscow-Leningrad, 1948, p. 9-14

SO: U-2888, Letopis Zhurnal'nykh Statey, 1949

MIKHAYLOV, A. A.

"Jubilee Session of the Department of Physicomathematical Sciences," Vest.
Ak. Nauk SSSR, No.2, p. 3, 1948

Session held 28-29 Oct 47. The following scientists submitted works:
A. F. Ioffe, "Trends of Development of Soviet Physics," M. A. Lavrent'yeva, "Trends
of Development of Soviet Mathematics," V. V. Shuleykin, "Trends of Development of
Soviet Geophysics," and A. A. Mikhaylov, "Trends of Development of Soviet
Astronomy," -PA 66T11

1. MIKHAYLOV, A. A.
2. USSR (600)
4. Physics and Mathematics
7. Variable Stars and Observation Methods, P.P. Parenago and B. V. Kukarkin.
(Revised 2nd edition, Moscow-Leningrad, State Technical Press, 1947).
Reviewed by A. A. Mikhaylov, Sov. Kniga, No. 6, 1948.
9.  Report U-3081, 16 Jan. 1953, Unclassified.

MIKHAYLOV, A. A.

IA 65T93

USSR/Physics
Astronomy - Development

Mar/Apr 1948

"The Development of Soviet Astronomy," A. A. Mikhaylov, 8 pp

"Astron Zhur" Vol XXV, No 2

Briefly describes Soviet achievements in astronomy for the past 30 years. Discusses Soviet contribution in the structure of the galactic system, theoretical astrophysics, meteoric astronomy, cosmogonic theory, and solar eclipses. States that observatory is being constructed on the southern slopes of the Alagez Mts (Aragats).

65T93

1. MIKHAYLOV, A. A.
2. USSR (40)
3. Physics and Mathematics
7. General Catalog of Variable Stars, B. V. Kukarkin, P. P. Parshakov.
(First edition, Acad Sci USSR and the State Astronomical Institute
imeni P. K. Shternberg, Moscow-Leningrad, Acad Sci USSR Press, 1964)
Reviewed by A. A. Mikhaylov, Sov. Kalra, No. 1, 1967.
8. Report U-3 41, 16 Jan. 1963. Unclassified.

MIKHAYLOV, A. A.

PA 59/4972

USSR/Astronomy

Observatories

Astrophysics

Apr 49

"Astronomical Observatories of the Soviet Union,"
A. A. Mikhaylov, Corr Mem, Acad Sci USSR, 3 pp
"Nauka i Zhizn'" No 4

Describes standard observatories of the past
century, usually located at universities.
Growth of towns and use of electric lighting
made it necessary to move observatories to
other locations, especially in view of the
development of new branches of astronomy, such
as photometry, astrophotography, and

59/4972

USSR/Astronomy

(Contd)

Apr 49

astrophysics. Devotes considerable attention
to Pulkovo Observatory.

59/4972

MIKHAYLOV, A., A.,

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USSR/Astronomy - Observatory, Pulkovo Sep 49

"Pride of Soviet Astronomy," A. A. Mikhaylov, Corr
Mem, Acad Sci USSR, Dir, Pulkovo Obs, 3 pp

"Nauka i Zhizn" No 9

An American astronomer termed Pulkovo Obs the world's astronomical capital. Crimean Astrophys Obs was formed in 1908 as an affiliate of Pulkovo Obs. Another department of the observatory was formed in Nikolayev, on the Black Sea, to carry out astronomical observations requiring a more southern position. Last year the observatory organized a special mountain station in the Caucasus near Kislovodsk for more thorough study of solar activity.

150T3

KIRILYAN, A. A.

Lbr., State Astronomical Observatory Acad. Sci., -174,9-

"Procedure of Determining the Constants of Aberration, Nutation and Secular Acceleration of the Earth from the Photometry of the Solar Disk Center," Astron. Zh., 1961, 38, 1, 1-11.

HC-11 85000

MIKHAYLOV, A. A. (Prof.)

"Solar and Lunar Eclipses", 2nd edition, Scientific-Popular Library, State
Publishers of Technical-Theoretical Literature, Moscow/Leningrad, 40 pp, 1950

Corresponding Member, Academy of Sciences USSR

MIKHAYLOV, A.A., professor; MEZENTSEV, V.A., redaktor; SUKHOVTSEVA, M.D.,
tekhnicheskii redaktor

[Solar and lunar eclipses] Solnechnye i lunnye zatmenia. Izd. 3.
Moskva, Gos. izd-vo tekhn.-teoret. lit-ry, 1951. 39 p. (Nauchno-
populiarnaiia biblioteka, no.5) (MLRA 7:9)

1. Chlen-korrespondent Akademii nauk SSSR (for Mikhaylov)
(Eclipses, Solar) (Eclipses, Lunar)

MIKHAÏLOV, A. A.

4

V. A. Albitskii, Responsible Editor A. A. Mikhaïlov

A course in astrophysics and stellar astronomy

State Publishing House of Technical and Theoretical Literature, Moscow.

1, 1951, 519 pages.

From: Monthly List of Russian Association, Sept. 1951, Vol. 4, No. 6, p. 3
(Trans. Copy)

MIKHAILOV, A. A.

USSR/Astronomy - Observatories

Nov 51

"Reconstruction of Pulkovo Observatory," Editorial

"Nauka i Zhizn'" Vol XVIII, No 11, p 18

Pulkovo Obs, destroyed by the Germans during the war, is now being reconstructed. A main building with 3 hemispherical towers is planned. Six pavilions, 4 hemispherical and 2 half-cylindrical for various instruments are under construction. On the southern side a horizontal telescope for solar research is installed. A photographic polar tube has been built by A.A. Mikhailov, Corr Mem, Acad Sci USSR, for surveying the variations in the Earth's polar inclination. //

213T1

ASTAPOVICH, I.S.; BRONSHTEIN, V.A.; BUGOSLAVSKAYA, Ye.Ya.;
BUGOSLAVSKAYA, N.Ya.; VSEKHSVIATSKIY, S.K.; MIKHAYLOV, A.A.;
SIVKOV, S.I.; TER-OGANEZOV, V.T.; RAKHLIN, I.Ye., red.;
NEGRIMOVSKAYA, R.A., tekhn. red.

[Solar eclipse of February 25, 1952, and its observation] Sol-
nechnoe zatmenie 25 fevralia 1952 g. i ego nabliudenie. Sost.
I.S.Astapovich i dr. Pod red. A.A.Mikhailova. Moskva, Gos.
izd-vo tekhniko-teoret. lit-ry, 1951. 175 p. (MIRA 15:4)

1. Vsesoyuznoye astronomo-geodezicheskoye obshchestvo. 2. Chlen-
korrespondent Akademii nauk SSSR (for Mikhaylov).
(Eclipses, Solar--1952)

MIKHAILOV, A. A.

PA 192T8

USSR/Astronomy - Eclipse of Sun

Sep/Oct 51

"Solar Eclipse of 25 February 1952 in USSR," A. A. Mikhailov, Pulkovo Obs

"Astron Zhur" Vol XXVIII, No 5, pp 403-411

Band of full eclipse starts in Atlantic Ocean at Equator, passes the Congo, crosses the Red Sea and Iran and enters USSR through southwest Caspian, passes Kara-Kuma desert, Amu-Dar'ya and Syr Dar'ya rivers and leaves USSR near Verkhneudinsk in Siberia. Presents detailed tables according to data provided by Inst of Theoretical Astr, Acad Sci USSR.

192T8

MIRKINOV, A. A.

"Astronomy in Russia in the 17th and 18th Centuries," Nature, 2nd Printing
House of the Publ. Co. of the AS USSR Moscow, No. 4, 1952.

Finland, n.a.

Eclipses, Solar

Solar eclipses on February 25, 1952. Nauka i zhizn', 19 No. 1, 1952

Monthly List of Russian Accessions, Library of Congress, March 1952. UNCLASSIFIED.

MIKHAYLOV, A. A.

Astronomy

"Outline History of Russian astronomy." V. L. Chenakel. Reviewed by A. A. Mikhaylov. Priroda 41 no. 4, 1952

Monthly List of Russian Accessions. Library of Congress, July 1952. UNCLASSIFIED.

MIKHAYLOV, A-A (idib.)

PHASE I TREASURE ISLAND BIBLIOGRAPHICAL REPORT AID 633 - I

BOOK

Call No.: AF653922

Author: AKADEMIYA NAUK, SSSR (ACADEMY OF SCIENCES, USSR)

Full Title: MAIN ASTRONOMICAL OBSERVATORY OF THE ACADEMY OF SCIENCES
OF THE USSR AT PULKOVO, 1839-1953

Transliterated Title: Glavnaya astronomicheskaya observatoriya
Akademii Nauk SSSR v Pulkove, 1839-1953

PUBLISHING DATA

Originating Agency: Academy of Sciences, USSR

Publishing House: Academy of Sciences

Date: 1953

No. pp.: 111

No. of copies: 5,000

Editorial Staff

Responsible Editor: Corr. Member, Academy of Sciences, USSR,
A. A. Mikhaylov.

Contributors: Pulkovo Astronomers

PURPOSE: Published in connection with the restoration of the observatory
in 1953 after its Second World War demolition.

TEXT DATA

Coverage: The book contains the following articles: 1. history of
the Observatory from its inauguration on August 19, 1839, to the
present day (B. A. Orlov); 2. astronomical work of the Observatory
covering meridional observations, star catalogs, the study of lati-
tude changes, the service of the time, photographic astronomy

1/2

Glavnaya astronomicheskaya observatoriya
'Akademii Nauk SSSR v Pulkove, 1839-1953

AID 633 - I

(M. S. Zverev and A. A. Nemiro); and 3. astrophysical work of the Observatory, including astrospectroscopy, the physics of the sun, astrophotometry (V. A. Krat and O. A. Mel'nikov). The text is illustrated by a number of photoplates. It contains also a description of individual studies made by the members of the Observatory, and mentions the new instruments installed, such as the Maksutov's meniscus telescope with a mirror of 500 mm in diameter.
No. of References: Several made in the text.
Facilities: None

2/2

MIKHAYLOV, Aleksandr Aleksandrovich, 1888-

[Solar eclipse of June 30, 1954 in the U.S.S.R.] Solnechnoe zatmenie
30 iyunia 1954 g. v SSSR. Moskva, Izd-vo Akademii nauk SSSR, 1953.
11 p. (MIRA 7:5)

(Eclipses, Solar--1954)

STRUVE, Wilhelm, 1793-1864; EYGENSON, M.S., professor; MIKHAYLOV, A.A., redaktor, chlen-korrespondent.

[Studies on stellar astronomy] *Etudy zvezdnoi astronomii*. Perevod M.S. Eigensona. Red. A.A. Mikhailova. [Leningrad] Izd-vo Akademii nauk SSSR, 1953. 234 p. (MLRA 6:7)

1. Akademiya nauk SSSR.

(Stars)

MIKHAYLOV, A.A.

ONEVYSHEV, R.S.; MIKHAYLOV, A.A., otvetstvennyy redaktor

[Catalog of solar activity from 1949-1951] Katalog solnechnoi
deiatel'nosti za 1949-1951 gg. Leningrad, Izd. Glavnoi astronomi-
cheskoi observatorii v Pulkove, 1953. 271 p. (MLRA 10:8)
(Sunspots)

MIKHAYLOV, A. A.

PA 243754

USSR/Astronomy - Pulkovo Observatory Jan 53

"Reconstruction of Pulkovo Observatory," A. A. Mikhaylov

"Priroda" No 1, pp 64-69

Reconstruction of the war-destroyed observatory was achieved under architectural guidance of A. V. Shchurev, Prof. A.N. Deych observes nebulae and stellar clusters on the astrophotograph. A meniscus telescope of Maksutov's system is used for observations of the moon. A telefocusing camera is fixed on the North Pole. Binaries are measured

243754

with interferometer system of Acad V. V. Linnik. A new 65-cm refractor is being mounted.

243754

MIKHAYLOV, A.A., ohlen-korrespondent.

Famous Polish scientist. Znan.sila no.9:1-3 S '53.

(MLRa 6:9)

1. Akademiya nauk SSSR.

(Copernicus, Nicolaus, 1473-1543)

MIKHAYLOV, A.A.

Optimal projections for star maps. Izv. Glav astron. obser. 19
no. 3:1-11 '53. (MLRA 7:1)
(Stars--Atlases)

MIKHAYLOV, A.A., chlen-korrespondent.

Nicolaus Copernicus. Vest.AN SSSR 23 no.6:32-41 Je '53. (MLRA 6:7)

1. Akademiya nauk SSSR. (Copernicus, Nicolaus, 1473-1543)

1. MIKHAYLOV, A. A.
2. USSR 600
4. Pulkovo Observatory
7. Restoration of the Pulkovo Observatory, Priroda, 42, No. 1, 1953.
9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

MIKHAYLOV, A. A.

6515. "Mikhailov, A. A. Polnechnyye i Lunnyye Zatmeniya. Ashkhabad,
Turkmengosizdat, 1954. 51 o. S. Ill. i Kart. 2157 (Nauch. — Popul. B-ka)
5.000 Ekz. 75K. ---Na Turkm. Yaz - (65-1654) 523.9

SO: Knizhnaya Letopis' No. 6, 1955

MIKHAYLOV, A.A.

The Committee on Stalin Prizes (of the Council of Ministers USSR) in the fields of science and inventions announces that the following scientific works, popular scientific books, and textbooks have been submitted for competition for Stalin Prizes for the years 1952 and 1953. (Sovetskaya Kultura, Moscow, No. 22-40, 20 Feb - 3 Apr 1954)

<u>Name</u>	<u>Title of work</u>	<u>Nominated by</u>
Mikhaylov, A.A.	"Stellar Atlas"	Main Astronomical Observatory, Academy of Sciences USSR

SC- W-30604, 7 July 1954

MIKHAYLOV, A. A.

BRONSHTEIN, V.A.; BUGOSLAVSKAYA, Ye.Ya.; BUGOSLAVSKAYA, N.Ya.;
VSEKHSVIATSKIY, S.K.; DAGAYEV, M.M.; LEPSKIY, M.M.; MIKHAY-
LOV, A.A.; SIVKOV, S.I.; TER-OGANEZOV, V.T.

[Eclipses of the sun and their observation; solar eclipse of
June 30, 1954] Solnechnye zatmenia i ikh nabludenie. K sol-
nechnomu zatmeniu 30 iyunia 1954 g. Sostavili V.A.Bronshten i
dr. Pod red. A.A.Mikhailova, Moskva, Gos. izd-vo tekhniko-teoret.
lit-ry, 1954. 223 p. (MLRA 7:8)

1. Chlen-korrespondent AN SSSR (for Mikhaylov)
(Eclipses, Solar--1954)

MIKHAYLOV, A. A.

PHASE I

TREASURE ISLAND BIBLIOGRAPHICAL REPORT

AID 670 - I

Call No.: QB175.M57

BOOK

Author: MIKHAILOV, A. A.

Full Title: THEORY OF ECLIPSES, 2nd ed. revised.

Transliterated Title: Teoriya zatmeniy, Izd. 2-e, perer.

PUBLISHING DATA

Originating Agency: None

Publishing House: State Publishing House of Technical and
Theoretical Literature

Date: 1954

No.pp.: 272

No. of copies: 3,000

Editorial Staff: None

PURPOSE: For general use

TEXT DATA

Coverage: The book is divided into an introduction, six chapters, and graphs, tables, bibliography and an index. The introduction gives a classification of eclipses and the symbols used in the text; Chapter I, the general part of the theories of solar and lunar eclipses; Chapter II, theory of solar eclipses; Chapter III, theory of lunar eclipses; Chapter IV, theory of the covering of stars and planets by the moon; Chapter V, theory of the passage of planets through the disk of the sun; Chapter VI, phenomena in the system of satellites of the planets. The supplements include

1/2

Teoriya zatmeniy, Izd. 2-~~e~~, perer.

AID 670 - I

the graphs and tables. 68 diagrams and many formulae in the text.

No. of References: 47 Russian (1875-1954) and 127 non-Russian (1680-1953)

Facilities: State Astrophysical Institute

2/2

MIKHAYLOV, A. A.

USSR/Astronomy - Observatories

Card : 1/1

Authors : Mikhaylov, A. A., Dir. of Pulkovo Observatory, and Orlov, B. A., Cand.
of Phys-Math. Sciences

Title : Reactivated Pulkovo

Periodical : Nauka i Zhizn', 6, 24 - 25, June 1954

Abstract : The history of the largest Soviet Astronomical Observatory of the Academy of Sciences USSR, located in Pulkovo, 18 km from Leningrad, is described. The role of the Communist Party of the USSR in the reconstruction of the Observatory from the almost ruined state suffered during the last war is emphasized. Special mention is given to the work of the Observatory in compiling a catalogue of weak stars, which will give the exact position of about twenty thousand especially selected stars. The international scientific relations of the Observatory are cited. Soviet made instruments installed at the Observatory are briefly described. Illustrations.

Institution : Astronomical Observatory at Pulkovo

Submitted :